A project on Movie Ticketing Management System

PURBANCHAL UNIVERSITY

GOMENDRA MULTIPLE COLLEGE

Birtamode-4, Jhapa

Program Name-BCA

Faculty-Science and Technology

A report submitted

In partial fulfilment of the requirement for the degree of

Bachelor of Computer Application (BCA)

Project Proposal

Submitted by

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Under the supervision of

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2081

COLLEGE CHIEF

Dr.Rupak Khanal

Certificate

I hereby declare that the Project entitled **ONLINE MOVIE TICKETING** submitted to the Department of **Science and Technology, Gomendra Multiple Campus Birtamod-4, Jhapa** in partial fulfillment for the award of the Degree of **BACHELOR IN COMPUTER APPLICATION** is an authentic record of my own work carried out under the guidance of Mr **Kushal Niroula** and that the Project has not previously formed the basis for the award of any other degree.

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ACKNOWLEDGEMENT

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Introduction

Transportation Management System is a simple project which aim to minimize the effort put in company to maintain client information. It is a windows form GUI application written for 64-bit windows operating system which focused in the area of adding, searching, editing and deleting the details of the Movie.

The project provides a very user-friendly interface through which anybody with the basic knowledge of the computer and English language can access the system. Through it is very user friendly it does not lack proper security.

Purpose of the project

The company wants to find a solution to reduce its operating costs. It is used to develop a user-friendly Movie Ticketing System using c# that simplifies the ticket booking process for customers, enhances the overall moviegoing experience, and improves operational efficiency for cinema.

Features of System

Customers can browse movie listings, check showtimes, and reserve seats from the comfort of their own homes using our intuitive desktop applications. It tracks all the information of the customers. We have developed all types of CRUD (Create, Read, Update and Delete).

- ❖ Admin can insert new Movie in database.
- ❖ Admin can see the list of User Details.
- ❖ Only admin can edit and update Movie Detail.
- ❖ Admin will be able to delete the Movie Detail.
- ❖ User can buy movie ticket and can browse movie listing.

Hardware Requirements

This program is created thinking that it will make the working environment easier and make the user feel less tired of working in computer instead of register. The hardware requirement can be listed below:

- PC with AMD or intel 2.1 GHZ or above processor.
- PC with minimum 4 GB RAM or above.
- PC with any type of monitor and standard keyboard for input data.
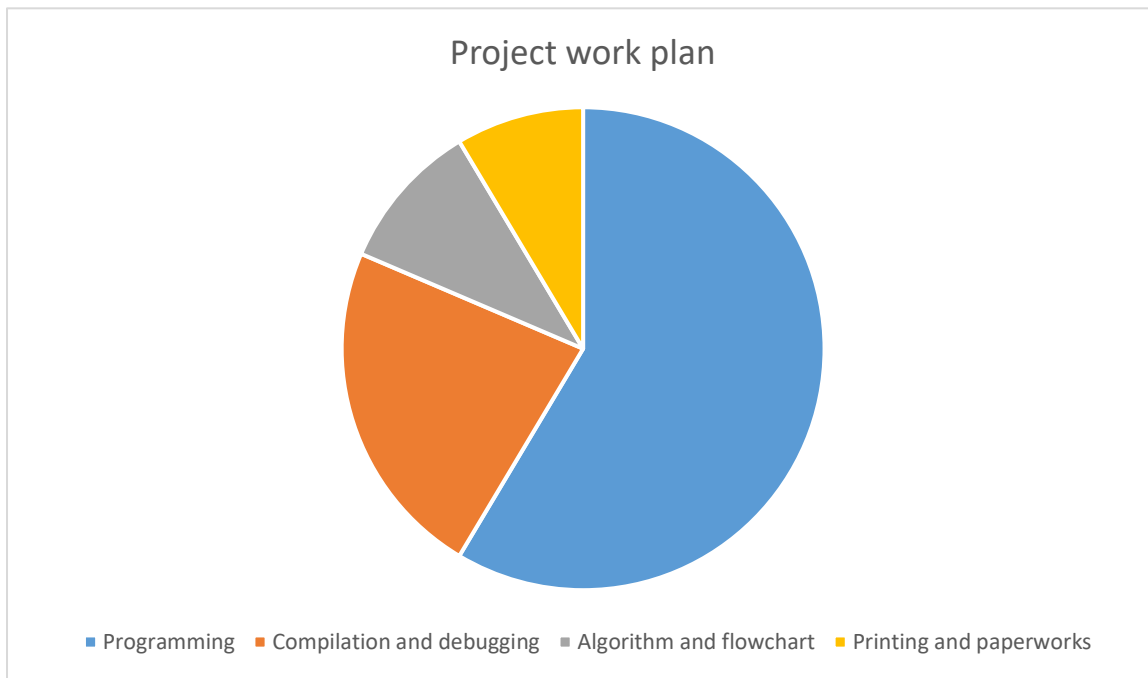
Software Requirements

For software requirement there must be compatible software installed in the PC to conduct the program successfully. Different program requires different software installed to run according to the platform in which the developers have developed it.

- ❖ Any Operating System supports the application.
- ❖ Compiler: Visual Studio

Technical Detail

Our movie ticketing system will be developed as a desktop application using C# and the .NET Framework. The application will follow a layered architecture, with a presentation layer built using Windows Presentation Foundation (WPF) for creating rich and interactive user interfaces. C# will be utilized for implementing the business logic layer, handling user interactions, and processing data. Data storage and retrieval will be managed using MySQL, a robust and widely-used relational database management system. MySQL will handle the storage of movie listings, user profiles, and transaction records, providing efficient and scalable data management capabilities. Security features such as user authentication using encrypted credentials and role-based access control will be implemented to safeguard sensitive data.

Pie chart

Project work plan

Work	Algorithm and flowchart	Programming	Compilation and debugging	Printing and paperwork's
Required time	5 hrs.	25 day.	5hrs.	3 hrs.

Figure -: Pie-chart showing tasks to be performed and the deadline of tasks.

Conclusion

After we have completed the project we are sure the problems in the existing system would overcome the "**Movie Management System**" process made computerized to reduce human errors and to increase the efficiency. The main focus of this project is to reduce human efforts and to reduce the work time. The system can do fast, accurate and reliable work compared to human. Our main focus or aim of this project is to get the correct information about a costumer in lesser time. This system will be able to improve the efficiency and can reduce human stress.

References

❖ https://www.youtube.com/watch?v=PrWcmxDwIU4&list=PLX5hCViO2ncThi-5rAKqDWjgD8jdJbmOl
❖ https://github.com/vasumsv/movie_ticketbooking_system